

ABSTRACT

A golf ball including a core having a first outer surface; a cover; and an intermediate layer disposed between the core and the cover, the intermediate layer including a non-ionic hydrophobic stiff fluoropolymer having a surface energy of less than about 75 dyne/cm² and having a second outer surface; wherein at least one of the first or second outer surfaces are treated with an functional silane such that a sufficient number of surface amine, hydroxyl, carboxylic acid, or epoxy groups are available for binding to an adjacent layer.